

Notice of Allowability

Application No.

10/527,932

Applicant(s)

PAHL, WOLFGANG

Examiner

Art Unit

Jasmine J. Clark

2815

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendments filed 04/05/2006.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 03/16/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

**JASMINE CLARK
PRIMARY EXAMINER**

Jasmine Clark

Information Disclosure Statement

1. The IDS filed 03/16/2005 has been fully considered.
2. Applicants' amendments regarding the Specification, Claims and Drawings have been considered.

References Cited

3. The references of interest are cited:

Badehi (US 6,777,767 B2) shows in figures, a chip 102 having a first chip face and a second chip face comprising component structures 100; a frame structure 116 and 118 on the first chip face and adjacent to the component structure 100; a cover 114 over the frame structure 116 and 118, the cover having a first cover face and a second cover face, the first cover face being closer to the chip 102 than the second cover face; and a back metallization 10 is on the second chip face and on the sides of the frame structure 116 and 118. Nonetheless, Badehi does not disclose having the back metallization on the sides of the cover 114, and also fails to disclose including a contact on the second cover face ; and a connection through the cover, the connection electrically connecting the component structure and the contact; wherein the connection is metallized and sealed. Moreover, Badehi fails to disclose the limitations as set forth in claim 11.

Field of Search

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4. This application was searched in class 257, subclasses 704, 678, 710, 730, 731, 773, 924, E23.128, E23.118, E23.193, E21.05, E21.501, E21.122, E21.567, E21.57; class 43, subclasses 33, 68, 107, 113, 460-465; class 428, subclasses 428, 441, 446, 448, 450, in view of the limitations of the claimed invention. The search was ineffective.

5. Claims 1-22 are allowed.

The following is an examiner's statement of reasons for allowance: please see paragraph 3 above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Telephone Inquiry Contacts

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasmine J. Clark whose telephone number is (571) 272-1726. The examiner can normally be reached on Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ken Parker can be reached on (571) 272-2298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jjbc/04/11/06

**JASMINE CLARK
PRIMARY EXAMINER**

A handwritten signature in black ink, appearing to read "Jasmine Clark", written in a cursive style.